

20010817.qrp v02_n284.qrl.20010817

Date: Fri, 17 Aug 2001 19:03:07 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 2284

QRP-L Digest 2284

Topics covered in this issue include:

- 1) [105053] Who Had Omni V FS?
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 2) [105054] FOX: Foxhunt this evening
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 3) [105055] First Fox hunt
by "Jason Hissong" <jhisson1@columbus.rr.com>
- 4) [105056] A Tale of Cw Novice Days
by Joel M Denison <hamjoel@juno.com>
- 5) [105057] Stable HF VFO Article?
by "Dennis Payton" <dpayton@fwi.com>
- 6) [105058] Re: A Tale of Cw Novice Days
by "George, W5YR" <w5yr@att.net>
- 7) [105059] FOX There both there:
by "Karl F. Larsen" <k5di@zianet.com>
- 8) [105060] FOX -- N2WW on a Tear... :-)
by Todd Enders <enders@bolshoi.cc.misu.nodak.edu>
- 9) [105061] OT: Ten-Tec help
by Stephen M Smith <sigcom@juno.com>
- 10) [105062] Foxii worked
by KB7WW Art Moe <kb7ww@uswest.net>
- 11) [105063] FOX...the wall is again UP in NH
by N10DL@aol.com
- 12) [105064] FOX -- Got Ron, Too!
by Todd Enders <enders@bolshoi.cc.misu.nodak.edu>
- 13) [105065] FOX Spots
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 14) [105066] FOX: Only one... THIS time :)
by "Jason Hissong" <jhisson1@columbus.rr.com>
- 15) [105067] RE: Stable HF VFO Article?
by jacksonharbor@att.net
- 16) [105068] FOX -- Down the Hole...
by Todd Enders <enders@bolshoi.cc.misu.nodak.edu>
- 17) [105069] Harbor Freight Punch
by "Don Wines" <dwines@tyler.net>
- 18) [105070] Fox'ii
by "Layton Fulton" <l.fulton@ns.sympatico.ca>
- 19) [105071] Best paddles for portable operations?

- by Thomas Kuehl <ac7a@gci-net.com>
- 20) [105072] Fox<-->Hound perspective from Alaska
by Jim Larsen AL7FS <AL7FS@pobox.alaska.net>
- 21) [105073] Fox
by Pete Burbank <plburbank@kih.net>
- 22) [105074] For Wilderness SST Fans...Fotos...
by "N7SG K7FD" <k7fd@hotmail.com>
- 23) [105075] Re: Harbor Freight Punch
by "E. Roswell" <eroswell@monmouth.com>
- 24) [105076] Re: Fox
by "Karl F. Larsen" <k5di@zianet.com>
- 25) [105077] Re: Fox
by N1EU <n1eu@yahoo.com>
- 26) [105078] Re: Harbor Freight Punch
by "Brian" <brian@iquest.net>
- 27) [105079] Re: Stable HF VFO Article?
by "Dennis Payton" <dpayton@fwi.com>
- 28) [105080] Re: Fox
by Pete Burbank <plburbank@kih.net>
- 29) [105081] Re: Best paddles for portable operations?
by Brad Mitchell <n8yg@yahoo.com>
- 30) [105082] Re: Best paddles for portable operations?
by "Jim Worthington" <ad4j@arrl.net>
- 31) [105083] Thanks
by "Tim A. King Jr." <iflyos@hotmail.com>
- 32) [105084] Re: WBR WD9EYB Photos
by "James P. Osburn, P.E." <j.p.osburn@ieee.org>
- 33) [105085] FOX: 817s First Q is N2WW
by "Mark S. Adams, P.E." <msadams@acsu.buffalo.edu>
- 34) [105086] Re: Thanks
by "Mike Yetsko" <myetsko@insydesw.com>
- 35) [105087] MP-1 Antenna - Ground radials
by Michael Melland <w9wis@charter.net>
- 36) [105088] WTB:Ten-Tec 405 amp
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 37) [105089] Re: For Wilderness SST Fans...Fotos...
by "N7SG K7FD" <k7fd@hotmail.com>
- 38) [105090] Re: MP-1 Antenna - Ground radials
by "Karl F. Larsen" <k5di@zianet.com>
- 39) [105091] Re: MP-1 Antenna - Ground radials
by Phil Wheeler <w7ox@earthlink.net>
- 40) [105092] Re: Best paddles for portable operations?
by Phil Wheeler <w7ox@earthlink.net>
- 41) [105093] Re: MP-1 Antenna - Ground radials
by Bruce Muscolino <w6toy@erols.com>
- 42) [105094] RE: MP-1 Antenna - Ground radials [long]
by Michael Melland <w9wis@charter.net>
- 43) [105095] Re: Best paddles for portable operations?

by cherry@getnet.net
44) [105096] Missing NC-20 part
by CHARLES K BROWN <n4so@juno.com>
45) [105097]
by "Delbert Long" <ad6we@hotmail.com>
46) [105098] Re:
by Bruce Muscolino <w6toy@erols.com>
47) [105099] Re:
by "Leon Heller" <leon_heller@hotmail.com>
48) [105100] Re: Harbor Freight Punch
by "Robert P. Okas" <vintage@best.com>
49) [105101] Re: Parts I.D. and scrounging
by Stephen M Smith <sigcom@juno.com>
50) [105102] Extra parts
by CHARLES K BROWN <n4so@juno.com>
51) [105103] RE:
by <schoon@amgt.com>
52) [105104] Information regarding QRP Afield, 15-16 September
by Chuck Ludinsky <cjl@mitre.org>
53) [105105] Summer 2001 - QRPp
by David Gauding <david.gauding@bbs.galilei.com>
54) [105106] International Light House / Ship Weekend
by "Ron Polityka" <wb3aal@fast.net>
55) [105107] FS HAM IV Telex/Hy-gain
by n2go@arrl.net
56) [105108] FS HW8-A
by n2go@arrl.net
57) [105109] Current Solar/Geomag Conditions
by "Rod Cerkoney, N0RC" <rod@n0rc.com>
58) [105110] Blair Bits?
by "Henry Freedenberg" <henryf@quartz.gly.fsu.edu>
59) [105111] Portable with 67 ft of wire
by Wayne <aa5jj@swbell.net>
60) [105112] N8L - International Lighthouse Event
by "Jason Hissong" <jhissong1@columbus.rr.com>
61) [105113] N8L - International Lighthouse Event - QSL info
by "Jason Hissong" <jhissong1@columbus.rr.com>
62) [105114] Re: FS HW8-A
by Bruce Muscolino <w6toy@erols.com>

Date: Thu, 16 Aug 2001 19:36:32 -0400
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: ".QRP-L Discussion Group" <QRP-L@Lehigh.edu>
Cc: "W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>
Subject: [105053] Who Had Omni V FS?
Message-ID: <200108161936_MC3-DCC3-42A7@compuserve.com>

MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain;
charset=ISO-8859-1
Content-Disposition: inline

Gang:

Recently someone was offering a Ten Tec Omni V for sale. Will that person
please get in touch with me off-list? Thanks and I hope to hear from you=
.

73,
--Doc/K0EVZ

Date: Thu, 16 Aug 2001 19:40:07 -0400
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: "INTERNET:john@wagner-usa.net" <john@wagner-usa.net>
Cc: ".QRP-L Discussion Group" <QRP-L@Lehigh.edu>, "W.D.(Doc)Lindsey/K0EVZ"
<70511.3041@compuserve.com>
Subject: [105054] FOX: Foxhunt this evening
Message-ID: <200108161940_MC3-DCC3-42BB@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain;
charset=ISO-8859-1
Content-Disposition: inline

John:

You are absolutely right about these two fine FOXes. Both are very
experienced and will hear you if you are "hearable" at all. Both of them=
seem to be able to hear below the ESP level sometimes. So
BAM.....everyone let's get in there tonight and work 'em both. =

GL and 73,
--Doc/K0EVZ

Date: Thu, 16 Aug 2001 19:54:18 -0400
From: "Jason Hissong" <jhissong1@columbus.rr.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [105055] First Fox hunt
Message-ID: <006501c126ae\$c36f49a0\$6401a8c0@columbus.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

This is great! My first fox hunt.... we shall see how I do :-)

-Jason
N8XE

"For the scientist who has lived by his
faith in the power of reason, the story
ends like a bad dream. He has scaled
the mountains of ignorance; he is about
to conquer the highest peak; as he
pulls himself over the final rock, he is
greeted by a band of theologians who
have been sitting there for centuries."

Dr. Robert Jastrow
Founder of NASA's Institute for Space Studies

Date: Thu, 16 Aug 2001 21:29:24 -0400
From: Joel M Denison <hamjoel@juno.com>
To: qrp-l@lehigh.EDU
Subject: [105056] A Tale of Cw Novice Days
Message-ID: <20010816.212925.-16587401.1.hamjoel@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

may hi u all

ah wants to told u about my novice first cw contact...story is
true ... my elmer is now a sk...

I learned the cw on a cw tape machine... hey ah was young (so was God
back then)...

ah passed my novice cw around 15+ wpm.. no sweat...cause ah had ban
praticing for a month on this cw tape machine....

well in comes my licence and ah geaux home with my elmer to make
my first cw contact... hmmm

Ah wrote everything down as it should occurrrr.... cq de etc and even what

the other station should reply to me , plus ah had mah elmer for back up...

yea ah sweated buckets, forgot most of what ah thought ah knew and went through the contact following the script I had on the paper with mah elmer confirming my copy... I could do 15wpm on dat machine but ah was back to 5wpm on the air...

and then my elmer left and said "geaux for it, u bees a ham now Joel" Ah followed that paper for a long time...started sweating less and then began to have fun....

guess it's kinda like ur first solso flight.. the instructor finally got himself out the plane... and somewhere about 50 foots in the air ah realized he wasn't thair.... I even reached across the seat and touched the utter door.... Ah announced my first solo flight and the utter 4 planes around the airport dissapeared... had the place to myself....

also kinda like being 50 foots high half way down a 1500ft runway and the engine goes dead... silent... hear ur heart beat quiet....up front be the end of the runway, trees and a big ditch...we got it stopped about 20 foots from the ditch...

starting sumthin like cw can be scary... and then it can turn into a real funny story if u persist..

do persist, u'll have fun even if u don't realize it at the time....

kella joel
in maine
remembering avery detail bout that
ditch...-----

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<http://dl.www.juno.com/get/tagj>.

Date: Thu, 16 Aug 2001 20:38:09 -0500

From: "Dennis Payton" <dpayton@fwi.com>

To: <qrp-1@Lehigh.EDU>

Subject: [105057] Stable HF VFO Article?

Message-ID: <000901c126bd\$46e6f4a0\$2aa854d1@locke>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

I'm still tinkering around, seeing how stable I can build a 20-meter VFO.
I'm looking for an article that was in QST several years ago on building

stable VFO's for the upper HF frequencies. It may have just been in the Technical Correspondence column, but he wound the inductor on a piece of Plexiglas rod and enclosed it by itself, used the protection diode inside an IRF510 for tuning, and used a 74HC240 in the buffer. Does anybody remember it and what issue it was in?

I built one for 15-meters and was very impressed with its stability at a constant room temperature. I made no record of how I built it or where I got it from though, a bad habit I'm currently working on changing!

Thanks,

Denny Payton, N9JXY
Auburn, IN

Date: Thu, 16 Aug 2001 20:44:34 -0500
From: "George, W5YR" <w5yr@att.net>
To: hamjoel@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [105058] Re: A Tale of Cw Novice Days
Message-ID: <3B7C7702.4A80D940@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Joel, I cannot begin to top your stories, but my second solo flight, back in 1951 in a Luscombe 8A, will remain in my memory always.

I had made the first solo around the patch and the instructor waved at me from the side of the runway to do it again. I gave her the throttle and took off and flew the pattern.

I was coming down the slot on final when it happened. You have to keep in mind that the Luscombe had a minor operational flaw: within a certain speed range on both takeoff and landing you had no directional control! The tailwheel was off the ground and somehow the rudder was blanketed and had little effect. So, you really had to be sure that all surface wind had been compensated for and that the airplane was pointed in the right direction, because for a few seconds after touchdown, only the airplane knew where it was going! <:}

So, there I was . . . started rounding out to flare at about 5 ft off the ground when this huge red wasp comes sailing out of the wing root right for me! Now, I have had a pathological fear of bees and wasps since infancy, I guess, so I was really in a spot. Had to continue the landing and just hope

that the wasp would get so interested in watching that he would let me alone. Fortunately, he did although he had a sneer on his face at the end, plainly saying "I can do better, ya know!"

Well, I touched down ok, and the instructor waved me around again! But, instead, I taxied over to the edge of the runway and opened the door and started shooing Mr. Wasp out! The instructor came over and nearly died laughing when he found out the problem.

Anyway, we got rid of the offending wasp and he insisted that I do one more trip around the patch before quitting. Sure glad that he did - but believe me I was really careful when I got back 5 ft off the ground starting to flare! But no more wasps and a pretty decent landing.

Such is life - 800+ hours later I would still think of that nearly every time I got in a light plane! Had to quit flying back in the mid-60's, though.

72/73, George W5YR - the Yellow Rose of Texas QRP-L 1373 NETXQRP 6
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
Amateur Radio W5YR, in the 55th year and it just keeps getting better!
Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

> guess it's kinda like ur first solso flight.. the instructor
> finally got himself out the plane... and somewhere about 50 foots in the
> air ah realized he wasn't thair.... I even reached across the seat and
> touched the utter door.... Ah announced my first solo flight and the
> utter 4 planes around the airport dissapeared... had the place to
> myself....

Date: Thu, 16 Aug 2001 20:38:58 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: <qrp-l@lehigh.edu>
Subject: [105059] FOX There both there:
Message-ID: <Pine.LNX.4.33.0108162031040.1141-100000@localhost.localdomain>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I started with Ron in MI who was 599+ here and when I found out where he was listening I worked him no sweat. Ron is running about 20 wpm with a good fist and disposition....

Then went up to 14.60 and found Larry at 35 wpm under a guy at 20

wpm calling CQ. I tightned the selectivity and pulled Larry out, but He is just to fast for me. I listened and never did get where he is, but got larry and 5w ok...:-)

After awhile he slowed down to about 25 and I got the tu and fox and like that. Found out where he was listening and worked him. Happy to say Larry slowed clear down to 20 wpm for me. Very GOOD op.

I expect there will be records beat tonight. Not sure if it will be Larry or Ron. Ron is real good and he was a LOT stronger here than Larry. Must be that beam....

--

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Thu, 16 Aug 2001 21:33:03 -0500
From: Todd Enders <enders@bolshoi.cc.misu.nodak.edu>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [105060] FOX -- N2WW on a Tear... :-)
Message-ID: <200108170233.AA01036@bolshoi.cc.misu.nodak.edu>
Content-Type: text/plain
Mime-Version: 1.0 (NeXT Mail 4.2mach_patches v148.2)

Larry's really handing out pelts right and left. Got mine in the first half hour with the mighty milliwatts, no less! :-) *Very* strong signal, *very* good op! :-)

Ron is doing fairly brisk business as well, but nowhere near as strong. Blasting at him with 5W, as he's ESP in the dips of the QSB. Hope I can catch a break shortly. :-)

72/73,

Todd, AG0T

Date: Thu, 16 Aug 2001 19:39:11 -0700
From: Stephen M Smith <sigcom@juno.com>
To: qrp-l@Lehigh.EDU
Subject: [105061] OT: Ten-Tec help
Message-ID: <20010816.193912.-318785.8.sigcom@juno.com>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Group,

I need to talk to a Ten-Tec expert (Corsair) off-list. PSE e-mail direct, thanks.

73.....Steve 'The Scrounger' Smith
WB6TNL Oxnard, CA USA

"snort rosin"

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<http://dl.www.juno.com/get/tagj>.

Date: Thu, 16 Aug 2001 19:41:51 -0700
From: KB7WW Art Moe <kb7ww@uswest.net>
To: qrp <qrp-l@lehigh.edu>
Subject: [105062] Foxii worked
Message-ID: <3B7C846F.2B364A7E@uswest.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Larry must of changed his antenna got the 6db I needed and then some.

Thanks to both of tonight's foxes.

Art
KB7WW

Date: Thu, 16 Aug 2001 22:44:30 EDT
From: N10DL@aol.com
To: qrp-l@lehigh.edu, fpqrp-l@mpna.com
Subject: [105063] FOX...the wall is again UP in NH
Message-ID: <d0.19f3412f.28addf0e@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Heard Larry for a while and tried him, he then faded into nothing land. went over to find Ron and never heard him at all. Guess the wall is back UP here in NH. What I did hear of Larry, he was really cooking. sure wish I had snagged him and Ron.

Nite all

Aron

N10DL

Bedford, NH

Date: Thu, 16 Aug 2001 21:43:00 -0500
From: Todd Enders <enders@bolshoi.cc.misu.nodak.edu>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [105064] FOX -- Got Ron, Too!
Message-ID: <200108170243.AA01078@bolshoi.cc.misu.nodak.edu>
Content-Type: text/plain
Mime-Version: 1.0 (NeXT Mail 4.2mach_patches v148.2)

He popped his head far enough out of the hole to hear me. Some idiot was right on top of him, sending very slow, very bad code, but I got him OK. :-)

Of course, now Ron peaks 579, and I could probably have took him with the mighty milliwatts as well. One never knows, though, and I'd rather play safe and have the pelt than wait it out too long and have had him fade into the noise to stay. :-)

72/73,

Todd, AG0T

Date: Thu, 16 Aug 2001 22:46:46 -0400
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: ".QRP-L Discussion Group" <QRP-L@Lehigh.edu>
Cc: ")W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>
Subject: [105065] FOX Spots
Message-ID: <200108162247_MC3-DCBE-9D8C@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain;
charset=ISO-8859-1
Content-Disposition: inline

Gang:

Gadzooks, both FOXes are barreling right along. Larry N2WW is spot on 14.061.1, a solid 579 into Bismarck. Ron is on 14.054.28, with considerable QSB. He has been as strong as 569 a couple of times, then down to noise level, then right back up. Anyway, sounds like both FOXes have lots of hungry hounds hot on their heels. Great going, everyone.

73,
--Doc/K0EVZ

Date: Thu, 16 Aug 2001 22:54:55 -0400
From: "Jason Hissong" <jhissong1@columbus.rr.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [105066] FOX: Only one... THIS time :)
Message-ID: <014801c126c7\$fec4f60\$6401a8c0@columbus.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Worked N2WW... he was coming in strong on 14061. Tried listening to W8RU, but he was way down in the noise. Only heard him about 30% of the time. With me living in Ohio, I am probably too close to him. Can't wait to get the Kenwood with DSP.. maybe that will help (probably not :)

Worked Portugal though this evening on 5 watts! (That kinda made up for not working both... kinda)

Had fun bagging my first fox... looking forward to next time.

72/73
Jason
N8XE

"For the scientist who has lived by his faith in the power of reason, the story ends like a bad dream. He has scaled the mountains of ignorance; he is about to conquer the highest peak; as he pulls himself over the final rock, he is greeted by a band of theologians who have been sitting there for centuries."

Dr. Robert Jastrow
Founder of NASA's Institute for Space Studies

Date: Fri, 17 Aug 2001 03:13:14 +0000
From: jacksonharbor@att.net
To: qrp-1@lehigh.edu
Subject: [105067] RE: Stable HF VFO Article?
Message-ID:
<20010817031314.ZQPE8490.mtiwmhc23.worldnet.att.net@webmail.worldnet.att.net>

Denny -

Is this the article ?

Apr 1995 QST 38
A Remote-Oscillator High-Frequency VFO
Smith, Lew, N7KSB

I got this from the QST/QEX index search on the ARRL
site.

Best Regards,

Chuck Olson, WB9KZY
Jackson Harbor Press - ham radio kits
<http://jacksonharbor.home.att.net/ham.htm>

Date: Thu, 16 Aug 2001 22:17:04 -0500
From: Todd Enders <enders@bolshoi.cc.misu.nodak.edu>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [105068] FOX -- Down the Hole...
Message-ID: <200108170317.AA01177@bolshoi.cc.misu.nodak.edu>
Content-Type: text/plain
Mime-Version: 1.0 (NeXT Mail 4.2mach_patches v148.2)

Larry has dropped *way* down here, from 599 to near the noise.
Builds to 559 on occasion, perhaps when he swings the beam this way.
Ron is completely gone. Both were doing slow, fairly steady business
when last heard.

72/73,

Todd, AG0T

Date: Thu, 16 Aug 2001 22:23:27 -0500
From: "Don Wines" <dwines@tyler.net>
To: "QRP-L LIST" <qrp-l@lehigh.edu>
Subject: [105069] Harbor Freight Punch
Message-ID: <002301c126cb\$fb4b09a0\$ca374c42@mshome.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

For all you Manhattan builders out there, Harbor Freight has the hand punch back on their web site for \$16.99.

<http://www.harborfreight.com/cpi/ctaf/Displayitem.taf?itemnumber=44060>

Usual disclaimers, no connection, etc. etc.....

72

Don, K5DW

k5dw@arrl.net

QRP-L #2083 QRP-ARCI #10145 NETXQRP #3

Visit the NETXQRP Web Site at <http://www.netxqrp.org>

Date: Fri, 17 Aug 2001 00:27:10 -0300
From: "Layton Fulton" <l.fulton@ns.sympatico.ca>
To: "qrp-l" <qrp-l@Lehigh.EDU>
Subject: [105070] Fox'ii
Message-ID: <001d01c126cc\$811363c0\$2458b18e@n1akra28>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Got Larry with no problem. Fine signal and great operator!

Ron is un-readable here in N. S. I could barely tell he was there on the peaks, which were only about one character long. Guess I won't bag that one tonight.

Looking forward to the next hunt!

72/73 de Layton VE1MT

Date: Fri, 17 Aug 2001 08:56:30 -0700
From: Thomas Kuehl <ac7a@gci-net.com>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [105071] Best paddles for portable operations?
Message-ID: <3B7D3EAE.6596AFDD@gci-net.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Howdy,

I am going to open a can of worms and solicit opinions on what you think are the "best" paddles for portable operations. First, let me clarify that I am not interested in Ne-Ke's, Paddlettes, Whiterooks, or other spring metal type paddles. I've tried each of them, but I just can't seem to master their "feel."

What I am interested in hearing about are portable paddles that use mechanical assemblies, with some source of force such as coil springs, magnets, etc. How stable are they in action (do they stay put?). I would like to keep the cost to under \$125, so that does limit the choices (I've been considering the Code Warrior Jr.).

I've read the paddle reviews on eham, but would appreciate the opinions of dedicated QRP op's that really do use such keys in the field. Please answer me directly, or to the list if you think it will benefit others as well.

Best Regards, Thomas - AC7A (Tucson)

Date: Thu, 16 Aug 2001 20:14:10 -0800
From: Jim Larsen AL7FS <AL7FS@pobox.alaska.net>
To: "qrp-l@lehigh.edu" <qrp-l@lehigh.edu>
Subject: [105072] Fox<-->Hound perspective from Alaska
Message-ID: <3B7C9A12.750AECCF@pobox.alaska.net>
MIME-Version: 1.0

Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: 8bit

Greetings from Alaska,

I finally got on the radio near the last half hour of the two hour fox run and here is what the foxes had to say:

N2WW: I found Larry after a few minutes. He was not there and then he was. We worked quite easily and his signal to Alaska stayed up for the next minute or two as I listened. After I worked W8RU, I checked back and Larry was still good copy.

W8RU: After Larry was worked I tuned for 10 minutes for Ron. I knew about where he was from QRP-L. His signal was below the noise level which was S= . All of a sudden, after 10 minutes of nothing he popped in (wonder what mode of propagation I was getting) and we worked in a matter of seconds. He confirmed our QSO and disappeared. I never heard him again in the next five minutes. Now this could have been propagation or it could have been a beam heading swinging around looking for hounds. I just don't know.

It was kinda fun to work two foxes as I usually assume I cannot get through the 200-plus hound pile ups. You just never know... :-)

73, Jim

--

Jim Larsen, AL7FS, Anchorage, Alaska
(BP51cc) - 61.101 North, 149.824 West
mailto:al7fs@arrl.net - <http://www.qsl.net/al7fs/>

Date: Fri, 17 Aug 2001 00:29:42 -0400
From: Pete Burbank <plburbank@kih.net>
To: qrp-l@lehigh.edu
Subject: [105073] Fox
Message-ID: <5.0.2.1.0.20010817001324.00ab02a0@KIH.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Since the foxhunt is a lesson on propagation as well as lots of fun it would be helpful
on 20 meters to know what direction beams are pointed at various times by the foxes.

Comments?

73 Pete NV4V

Date: Thu, 16 Aug 2001 23:47:18 -0700
From: "N7SG K7FD" <k7fd@hotmail.com>
To: qrp-1@Lehigh.EDU
Subject: [105074] For Wilderness SST Fans...Fotos...
Message-ID: <F249nhvCRohyMMGz0tW00009091@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

The workbench is currently occupied by a Wilderness SST for 30 meters.
Nevermind I have no antenna for this band :) Radio first, worry later...

For those interested, there's a sneak preview of the modified front and rear
panels at:

<http://www.teleport.com/~cqdx/sst30.htm>

This weekend will find me busily populating the circuit board in
anticipation of great things!

73 John K7FD

Get your FREE download of MSN Explorer at <http://explorer.msn.com/intl.asp>

Date: Fri, 17 Aug 2001 07:37:08 -0400
From: "E. Roswell" <eroswell@monmouth.com>
To: qrp-1@Lehigh.EDU
Subject: [105075] Re: Harbor Freight Punch
Message-ID: <3B7D01E4.476FB2D9@monmouth.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Note that this one is in metric sizes. The one in English sizes was #37405,
which may or may not be in stock.
Ed, K2MGM.

Date: Fri, 17 Aug 2001 05:42:27 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: Pete Burbank <plburbank@kih.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [105076] Re: Fox
Message-ID: <Pine.LNX.4.33.0108170534530.1267-1000000@localhost.localdomain>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

>From what Jim Larsen said it sure sounds like Ron was swinging his beam
when Jim heard him for a minute or two. That is the problem. There is one
guy in Alaska who is a Fox Hound. How long do you leave the beam north?

I think with all the stuff a Fox has to do now, he isn't going to want to
have a schedule of beam directions.

On Fri, 17 Aug 2001, Pete Burbank wrote:

> Since the foxhunt is a lesson on propagation as well as lots of fun it
> would be helpful
> on 20 meters to know what direction beams are pointed at various times by
> the foxes.
> Comments?
> 73 Pete NV4V
>
>

--
Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Fri, 17 Aug 2001 05:00:08 -0700 (PDT)
From: N1EU <n1eu@yahoo.com>
To: qrp-l@lehigh.edu
Subject: [105077] Re: Fox
Message-ID: <20010817120008.75106.qmail@web14609.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

"Since the foxhunt is a lesson on propagation as well
as lots of fun it would be helpful on 20 meters to
know what direction beams are pointed at various times
by the foxes.

Comments?

73 Pete NV4V"

I kept having the same thought last night - listened to W8RU in the noise for an hour and a half before bagging an ESP contact. I kept trying to establish telepathic contact with Ron: "Turn the beam east . . . turn the beam east . . . " ;-)

73,

Barry N1EU

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Date: Fri, 17 Aug 2001 08:00:04 -0400

From: "Brian" <brian@iquest.net>

To: <dwines@tyler.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [105078] Re: Harbor Freight Punch

Message-ID: <002301c12714\$26c071e0\$3d05080a@cincom.com>

MIME-Version: 1.0

Content-Type: text/plain;
charset="Windows-1252"

Content-Transfer-Encoding: 7bit

Beware of their world famous hidden "shipping and handling" charges.

I have their punch and quite frankly I can make better pads faster with a set of sheet metal scissors and a hand scribe.

But it does come in handy when you need to tool an Altoids tin with holes for switches and buttons but not BNC's.

=====
KB9BVN/QRP - New Whiteland IN - EM69WN
QRP-ARCI #10223 QRP-L #1540 FIST #5695
FISTS CC #764 - Proud Member ARRL
TEN TEC SCOUT @ 5W or NORCAL 40A @ 1.3W
INTO INFAMOUS AF4PS ATTIC DIPOLE
SOC #400 AND FLYING PIGS QRP #-57
=====

----- Original Message -----

From: "Don Wines" <dwines@tyler.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Thursday, August 16, 2001 11:23 PM
Subject: Harbor Freight Punch

> For all you Manhattan builders out there, Harbor Freight has the hand
punch
> back on their web site for \$16.99.
>
> <http://www.harborfreight.com/cpi/ctaf/Displayitem.taf?itemnumber=44060>
>
> Usual disclaimers, no connection, etc. etc.....
>
> 72
> Don, K5DW
> k5dw@arrl.net
> QRP-L #2083 QRP-ARCI #10145 NETXQRP #3
> Visit the NETXQRP Web Site at <http://www.netxqrp.org>
>
>
>

Date: Fri, 17 Aug 2001 07:07:12 -0500
From: "Dennis Payton" <dpayton@fwi.com>
To: <qrp-l@Lehigh.EDU>
Subject: [105079] Re: Stable HF VFO Article?
Message-ID: <001201c12715\$2696d460\$98a854d1@locke>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

>Denny -

Is this the article ?

Apr 1995 QST 38

> A Remote-Oscillator High-Frequency VFO
Smith, Lew, N7KSB

>I got this from the QST/QEX index search on the ARRL site.

Best Regards,

>Chuck Olson, WB9KZY
Jackson Harbor Press - ham radio kits
><http://jacksonharbor.home.att.net/ham.htm>
>

Yep, that's it. Many thanks Chuck!

Denny N9JXY

Date: Fri, 17 Aug 2001 08:13:48 -0400
From: Pete Burbank <plburbank@kih.net>
To: "Karl F. Larsen" <k5di@zianet.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [105080] Re: Fox
Message-ID: <5.0.2.1.0.20010817081052.00a8eac0@KIH.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 05:42 AM 8/17/2001 -0600, Karl F. Larsen wrote:

> >From what Jim Larsen said it sure sounds like Ron was swinging his beam
>when Jim heard him for a minute or two. That is the problem. There is one
>guy in Alaska who is a Fox Hound. How long do you leave the beam north?
>SNIP

Karl,
Don't forget about the very active Canada gang. :-)
73 Pete NV4V

Date: Fri, 17 Aug 2001 05:26:11 -0700 (PDT)
From: Brad Mitchell <n8yg@yahoo.com>
To: ac7a@gci-net.com, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [105081] Re: Best paddles for portable operations?
Message-ID: <20010817122611.14934.qmail@web14701.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

I have a set of the G4ZPY VHS paddles, which are
fairly small, but maybe not quite small enough?

These are the finest set of paddles that I have ever used, including all of them period.

It's a similar mechanism to Bencher.. at least in appearance, but nothing like it in action!

I believe that he makes a smaller version of the iambic paddle as well which might be just the ticket for what you are looking for.

Good luck.

73

Brad N8YG

--- Thomas Kuehl <ac7a@gci-net.com> wrote:
> Howdy,
>
> I am going to open a can of worms and solicit
> opinions on
> what you think are the "best" paddles for portable
> operations. First, let me clarify that I am not
> interested
> in Ne-Ke's, Paddlettes, Whiterooks, or other spring
> metal
> type paddles. I've tried each of them, but I just
> can't seem
> to master their "feel."
>
> What I am interested in hearing about are portable
> paddles
> that use mechanical assemblies, with some source of
> force
> such as coil springs, magnets, etc. How stable are
> they in
> action (do they stay put?). I would like to keep the
> cost to
> under \$125, so that does limit the choices (I've
> been
> considering the Code Warrior Jr.).
>
> I've read the paddle reviews on eham, but would
> appreciate
> the opinions of dedicated QRP op's that really do
> use such
> keys in the field. Please answer me directly, or to

> the list
> if you think it will benefit others as well.
>
> Best Regards, Thomas - AC7A (Tucson)
>

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<http://phonecard.yahoo.com/>

Date: Fri, 17 Aug 2001 08:33:33 -0400
From: "Jim Worthington" <ad4j@arrl.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [105082] Re: Best paddles for portable operations?
Message-ID: <NABBICBNJHOBKGPEHLKBMEOEFAA.ad4j@arrl.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I've bought and sold the Whiterook and Bulldog paddles. I also bought a Code Warrior Jr., but don't really like the feel and will probably sell it. The paddle I settled on for portable operation is the Palm Radio Mini-paddle. It has spring tension adjustments and I like the feel. I also like the fact that the paddles retract into the shell so I don't worry about them breaking off when packed. See: <http://www.morsex.com/palm/> for more info.

One issue with the mini-paddles is a way to hold them still (other than with the other hand). I made a lightweight base of Plexiglas and non-slip drawer liner which works well for the Palm paddle. Email me for details if you are interested.

72,
Jim, AD4J

Date: Fri, 17 Aug 2001 08:47:28 -0400
From: "Tim A. King Jr." <iflyos@hotmail.com>
To: qrp-l@Lehigh.EDU
Subject: [105083] Thanks
Message-ID: <F186DI8NFr9oD6XMLDt0000a605@hotmail.com>
Mime-Version: 1.0

Content-Type: text/plain; format=flowed

Guys,

Thanks for all the great info in reference to QRP kits & radios....I have alot of stuff to sift thru now, and I am looking forward to making a choice.

FYI, to those that mentioned that I might want to go with a higher priced kit so if I didn't like QRP I could sell it and get another radio, I already have a Kenwood TS930 SAT. I know I could just turn the power down on it, but I wanna build....I need that rosin fix.

I will let you all know what I end up doing.

72 & gud QRP,

Tim A. King, Jr.

KG4MQD

(Off to practice the code some more...I gotta upgrade!)

Get your FREE download of MSN Explorer at <http://explorer.msn.com/intl.asp>

Date: Fri, 17 Aug 2001 07:51:46 -0500
From: "James P. Osburn, P.E." <j.p.osburn@ieee.org>
To: "List; QRP, QRP Mailing List" <qrp-l@lehigh.edu>
Subject: [105084] Re: WBR WD9EYB Photos
Message-ID: <001501c1271b\$a8686a20\$b6e9a0ce@aaacomputer>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have received a couple of dozen "atta boy" messages, notes of thanks, compliments, etc. about my little receiver. I just want to say you're welcome and thank you for the compliments. I also want to thank N1BYT for the nifty design and QST for publishing it.

Now what should I build next? Hmmm.

Jim, WD9EYB

Reply-To: j.p.osburn@ieee.org

Date: Fri, 17 Aug 2001 09:26:00 -0400
From: "Mark S. Adams, P.E." <msadams@acsu.buffalo.edu>
To: qrp-1@Lehigh.EDU
Subject: [105085] FOX: 817s First Q is N2WW
Message-ID: <1607947368.998040360@oes-madams.facilities.buffalo.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Disposition: inline

Gang,

I just have to pass this along. I bought a new FT817, primarily for VHF QRP work. After getting it situated in the shack, I turn it on, go to 14.060 and hear the foxhunt underway. So, I get the split working and bag the fox right away. Seems that this rig has a mojo of its own!

The next 3 Q's are NE6S/qrp, VE9CQ/qrp and J88DR. Not bad. I am gonna like this little rig.

And don't forget that this weekend is the International Lighthouse/Lightship event. I will be running the 6 and 2 Meter station at K2L from the Buffalo Lighthouse. If 6 is open please chase me down. I will call on 6M CW often.

72, Mark K2QO

Mark S. Adams, P.E.
University at Buffalo
Occupational and Environmental Safety
220 Winspear Avenue
Buffalo, NY 14215-1034
Tel: 716.829.3301 Fax: 716.829.2704
Pager: 716.774.2260

Date: Fri, 17 Aug 2001 09:27:50 -0400
From: "Mike Yettsko" <myetsko@insydesw.com>
To: <iflyos@hotmail.com>, "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [105086] Re: Thanks
Message-ID: <007f01c12720\$a8a66b40\$6b01a8c0@INSYDENT>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

If you're that much into the 'rosin fix' frame of mind, you probably are well past a neophyte builder. In that case, you might seriously consider a little more forcefully one of the Elecraft kits. (Yeah, I'm kind of biased in that regard.)

Yeah, they are quite the project. But they really aren't that tough to build. Just massive. You have to be very organized and methodical. The big issue with the Elecraft is good kit building skills to begin with.

And while the K1 is a neat radio, the K2 is my favorite. BOTH are great CW rigs, but the K2 can be expanded to SSB, and is all bands, even 160 with an optional kit. Although the K2 will set you back some serious green.

On the other hand, that K2 might just get you to put that Kenwood up for sale...

Mike

----- Original Message -----
From: Tim A. King Jr. <iflyos@hotmail.com>

> Guys,
> Thanks for all the great info in reference to QRP kits &
radios....I
> have alot of stuff to sift thru now, and I am looking forward to
making a
> choice.
>
> FYI, to those that mentioned that I might want to go with a higher
priced
> kit so if I didn't like QRP I could sell it and get another radio, I
already
> have a Kenwood TS930 SAT. I know I could just turn the power down on
it,
> but I wanna build....I need that rosin fix.
>
> I will let you all know what I end up doing.
>
> 72 & gud QRP,

>
> Tim A. King, Jr.
> KG4MQD
> (Off to practice the code some more...I gotta upgrade!)

Date: Fri, 17 Aug 2001 08:37:34 -0500
From: Michael Melland <w9wis@charter.net>
To: QRP-L <qrp-l@Lehigh.EDU>, FT817@yahooogroups.com
Subject: [105087] MP-1 Antenna - Ground radials
Message-ID: <NEBBLKAGEKBNGELOFFCACEINCMAA.w9wis@charter.net>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

With all the talk about antenna topics lately on the qrp-l list I figure that I can get some good input now that everyone's mind is focused on antennas.

Recently I purchased a Super Antennas MP-1 portable vertical. It works great and I have lots of DX and in country contacts with it and my new FT-817, SW+40 and K1. I noticed when I got it that it exhibited a wide bandwidth and low swr on 40 meters and the feed line was acting like a counterpoise as well... a sure sign that there is a need for a better ground than the 4 10 ft radials the antenna comes with. I made some 33 ft radials and the situation got better..... a more realistic bandwidth and sharper swr curve.

I found an article last night in the October 1997 (could have been September) QST regarding manufacturing a portable vertical using a HF whip antenna (mobile type) and a camera tripod as a base. This sort of approximates the MP-1 setup....

The article indicates that it's important to have many ground counterpoise wires. The article had experiments with different numbers of ground radials and the author settled on 16 10 ft radials. The comment was made that the radials, to be effective, only need to be as long as the height of the antenna above ground. Hmmmmmm ... So that means that because my MP-1 is sitting on it's small tripod on a picnic table about 3.5 ft off the ground I'd be better off with 16 3.5 ft radials than the four 33 ft ones I have now ??? I know that more ground radials are a very good thing with this type of set up.... but I thought length approximating the 1/4 or 1/2 wave of the freq was as important ???

Comments ???

Mike

--

Michael Melland, W9WIS
QRP-L #1656 QRP-ARCI #9875
SOC #142 FPQRP #244 IPARC #252
EN54pc Winnebago Cty, Wisc.

Date: Fri, 17 Aug 2001 10:08:13 -0400
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: ".QRP-L Discussion Group" <QRP-L@Lehigh.edu>
Cc: "W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>
Subject: [105088] WTB:Ten-Tec 405 amp
Message-ID: <200108171008_MC3-DCCF-84D4@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain;
charset=ISO-8859-1
Content-Disposition: inline

Gang:

Anybody have a Ten Tec 405 amplifier you would sell? Needs to be in excellent working condition. I will pay top dollar for one, so please get in touch with me right away. Thanks.

73,
--Doc/K0EVZ

Date: Fri, 17 Aug 2001 07:12:56 -0700
From: "N7SG K7FD" <k7fd@hotmail.com>
To: qrp-l@Lehigh.EDU
Cc: w0pwe@qsl.net
Subject: [105089] Re: For Wilderness SST Fans...Fotos...
Message-ID: <F255qfT7eEmP9CDBHy3000092ea@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Wow!! I just looked at your Manhattan style SST...b e a u t i f u l !!

If you want to see some fantastic homebrewing, please take a moment and

visit:

http://www.qsl.net/w0pwe/Current_Projects/SST-20/SST-20.html

Jerry, W0PWE is an artist!

73, John K7FD

>From Jerry, W0PWE

>

>John,

>The SST is looking good! I am working on a 30M rig as well so hopefully
>some

>day we will meet there. Sure have enjoyed our 20M qsos, most of which were
>mobile on my end with my SST. Last Sunday the band was pretty dead but you
>came booming in to central Iowa.

>72

>Jerry

>W PWE

><http://www.qsl.net/w0pwe>

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Date: Fri, 17 Aug 2001 08:33:19 -0600 (MDT)

From: "Karl F. Larsen" <k5di@zianet.com>

To: Michael Melland <w9wis@charter.net>

Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [105090] Re: MP-1 Antenna - Ground radials

Message-ID: <Pine.LNX.4.33.0108170826430.1791-100000@localhost.localdomain>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

I looked at a MP-1 with my antenna analyzer and found as you did that the 4 10 foot radials were not enough on 40 meters or lower. I ran a test between 3 antenna which were the MP-1, W3FF at 10 feet and a hamstik on my jeep on 40 meters. The station who did the listening was about 300 miles away. He found the MP-1 was 2 s units below the W3FF antenna which was 1 s unit below the hamstik. We should have done a repeat several time but didn't. The MP-1 was on a short camera tripod but was still lower than the W3FF and hamstik.

On Fri, 17 Aug 2001, Michael Melland wrote:

> With all the talk about antenna topics lately on the qrp-l list I figure
> that I can get some good input now that everyone's mind is focused on
> antennas.
>
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> counterpoise as well... a sure sign that there is a need for a better ground
> then the 4 10 ft radials the antenna comes with. I made some 33 ft radials
> and the situation got better..... a more realistic bandwidth and sharper swr
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> approximates the MP-1 setup....
>
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> wires. The article had experiments with different numbers of ground radials
> and the author settled on 16 10 ft radials. The comment was made that the
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> antenna above ground. Hmmmmmm ... So that means that because my MP-1 is
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> ??? I know that more ground radials are a very good thing with this type of
> set up.... but I thought length approximating the 1/4 or 1/2 wave of the
> freq was as important ???
>
> Comments ???
>
> Mike
>
> --
> Michael Melland, W9WIS
> QRP-L #1656 QRP-ARC #9875
> SOC #142 FPQRP #244 IPARC #252
> EN54pc Winnebago Cty, Wisc.
>
>

--
Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Fri, 17 Aug 2001 07:29:44 -0700
From: Phil Wheeler <w7ox@earthlink.net>
To: k5di@zianet.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [105091] Re: MP-1 Antenna - Ground radials
Message-ID: <3B7D2A58.8992CC3D@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I have the PW-1, a very similar antenna from Vern. Someone suggested adding a set of 17 ft (or so radials). I did so, and it made for a big improvement on 40 meters.

Phil W7OX

"Karl F. Larsen" wrote:

>
> I looked at a MP-1 with my antenna analyzer and found as you did that the
> 4 10 foot radials were not enough on 40 meters or lower.
>
> On Fri, 17 Aug 2001, Michael Melland wrote:
>
> > With all the talk about antenna topics lately on the qrp-l list I figure
> > that I can get some good input now that everyone's mind is focused on
> > antennas.
> >
> > Recently I purchased a Super Antennas MP-1 portable vertical. It works
> > great and I have lots of DX and in country contacts with it and my new
> > FT-817, SW+40 and K1. I noticed when I got it that it exhibited a wide
> > bandwidth and low swr on 40 meters and the feed line was acting like a
> > counterpoise as well... a sure sign that there is a need for a better ground
> > then the 4 10 ft radials the antenna comes with. I made some 33 ft radials
> > and the situation got better..... a more realistic bandwidth and sharper swr
> > curve.
> >

Date: Fri, 17 Aug 2001 07:35:27 -0700
From: Phil Wheeler <w7ox@earthlink.net>
To: ac7a@gci-net.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [105092] Re: Best paddles for portable operations?
Message-ID: <3B7D2BAF.615F9894@earthlink.net>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Thomas Kuehl wrote:

>
> Howdy,
>
> I am going to open a can of worms and solicit opinions on
> what you think are the "best" paddles for portable
> operations. First, let me clarify that I am not interested
> in Ne-Ke's, Paddlettes, Whiterooks, or other spring metal
> type paddles. I've tried each of them, but I just can't seem
> to master their "feel."
>

I have all of the above and the Palm Paddles, too. But I always seem to take my Schurr Portable Wabblers when I go portable (but not for backpacking). In fact, since I have the Profi for my base station, I really purchased the Wabblers for portable use. At \$250 or so, a pricy solution .. but worth it to me.

Phil W70X

Date: Fri, 17 Aug 2001 10:52:47 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: w9wis@charter.net
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [105093] Re: MP-1 Antenna - Ground radials
Message-ID: <3B7D2FBF.2F922BC6@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Mike,

In general it does not matter where you mount your vertical. It will always require radials to make a complete RF circuit. The length will depend on three things. The band, the ground and the height above ground. As you raise the antenna above ground you are, in effect, making a ground plane. The antenna will demand longer and better radials. As you get closer to the ground the antenna will generally require fewer and shorter radials to couple into the existing ground. Experiments have shown that 12 radials of about 20 feet work well for

full sized verticals above an average ground. The MP-1 will probably benefit from at least four or maybe 8 radials of some length.

73

Date: Fri, 17 Aug 2001 10:13:05 -0500
From: Michael Melland <w9wis@charter.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>, FT-817@yahoogroups.com
Subject: [105094] RE: MP-1 Antenna - Ground radials [long]
Message-ID: <NEBBLKAGEKBNGELOFFCAMEJDCMAA.w9wis@charter.net>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

Check out this site..... <http://www.chem.hawaii.edu/uham/radials.html> . I received the url from a reply I received (thanks Gary !). This article supports the idea that a ground mounted vertical should have radials that are no taller than the height of the antenna.... but advocates the use of at least 16 radials (or more) of the recommended length... This is really getting interesting !

Quoted from the article above:

"Here are rules that seem to be reasonable for ground radials (not to be confused with elevated resonant ground plane systems):

Radials can be rather small diameter wire since so many of them exist to share the return currents and they are in parallel with the ground currents in the earth as well. Each radial is going to carry very little RF current.

Ground radials need not be resonant. This is a misconception based on elevated or ground plane type elements. True ground laid radials designed to supplement ground return currents in the earth need not be resonant. They are different from the elevated ground plane radials in this regard since ground radials supplement ground currents and do not try to replace them entirely. Elevated ground plane radials, especially if few in number, need to be bit longer than 1/4 wave at the operating frequency.

Ground radials seldom need to be longer than .2 (two tenths) wavelength regardless of the height of the antenna, even a halfwave vertical radiator. A maximum of .28 wavelength seems to certainly be an upper limit for ground radial length. Due to detuning of the ground, insulated wires laid on the ground tend to be electrically 1/4 wavelength when the physical length is close to .28 wavelength.

Ground radials do not need to be much longer than the antenna is tall. A

shortened antenna with loading coils will have a more compact "near field" where the majority of the antenna field is. The ground needs only reach out as far as the near field extends. Field intensity drops off with the square of the distance from the base of the antenna.

Minimum number of ground radials is probably 8, closer to 16, well you would do better with 32... You get the idea, the more the merrier. Four ground radials is going to be a horrible system. More than 32 radials gets you into the area of diminishing returns.

The ground around a vertical monopole type antenna can be viewed as strings of series connected resistors fanning out from the base. The purpose of the radials can be viewed as attempting to short circuit as many of these resistors near the base as possible. This is especially critical very close to the base where RF field density is highest, and its importance drops off quickly beyond 1/8th wavelength from the base of any vertical antenna, where the RF field density per unit area goes down sharply.

It is important not to confuse this application with elevated ground planes. We are talking about radials that supplement the return of ground currents to the base of the antenna, especially in the near field. They work "in parallel" with the existing earth ground surface to supplement it. Elevated radials are a resonant element and serve a decoupling function and establish a completely artificial ground. They should be resonant, quarter wave wires, but still in fair numbers, probably more than the four usually seen, for best results."

--

Michael Melland, W9WIS
QRP-L #1656 QRP-ARC #9875
SOC #142 FPQRP #244 IPARC #252
EN54pc Winnebago Cty, Wisc.

Date: Fri, 17 Aug 2001 09:14:02 -0700 (MST)
From: cherry@getnet.net
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [105095] Re: Best paddles for portable operations?
Message-ID: <998064842.3b7d42cacdd00@mail.getnet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 8bit

I use the mini-paddles and double sticky the base

to the top of my qrp rig which is a PC-500. The rig is heavy enough that the paddles do not move. They snap off the base so I can move them to other locations. I have one base attached to a metal block with rubber feet that is very stable for at home. I have a third base with very strong magnets that will stick to anything made of steel. There are rubber pads on the base so the magnets keep it very stable. I bought mine from Morse Express. Here is a link:
<http://www.morsex.com/palm/>
The mini-paddles snap back inside an case so they are protected from damage during transport. They are very rugged so they really do not much protection. They have a very light touch and have adjustable travel and pressure.
Jim FitzSimons W7ANF

Quoting Thomas Kuehl <ac7a@gci-net.com>:

> Howdy,
>
> I am going to open a can of worms and solicit opinions on
> what you think are the "best" paddles for portable
> operations. First, let me clarify that I am not interested
> in Ne-Ke's, Paddlettes, Whiterooks, or other spring metal
> type paddles. I've tried each of them, but I just can't seem
> to master their "feel."
>
> What I am interested in hearing about are portable paddles
> that use mechanical assemblies, with some source of force
> such as coil springs, magnets, etc. How stable are they in
> action (do they stay put?). I would like to keep the cost to
> under \$125, so that does limit the choices (I've been
> considering the Code Warrior Jr.).
>
> I've read the paddle reviews on eham, but would appreciate
> the opinions of dedicated QRP op's that really do use such
> keys in the field. Please answer me directly, or to the list
> if you think it will benefit others as well.
>
> Best Regards, Thomas - AC7A (Tucson)
>
>

Date: Fri, 17 Aug 2001 12:30:36 EDT
From: CHARLES K BROWN <n4so@juno.com>

To: qrp-1@lehigh.edu
Subject: [105096] Missing NC-20 part
Message-ID: <20010817.162843.4407.5.n4so@juno.com>

The NorCal 20 I was working had a missing TC-2
toroid core in the transmit section.

T37-6 yellow
Does anyone have an extra? Only one is needed.
Thanks
Ken Brown N4SO
Mobile, AL/EM50tk
NorCal-20/5 watts/4 ele. beam

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<http://dl.www.juno.com/get/tagj>.

Date: Fri, 17 Aug 2001 17:19:56 +0000
From: "Delbert Long" <ad6we@hotmail.com>
To: qrp-1@Lehigh.EDU
Message-ID: <F1524Sxsew2gI3fjxlo000097d5@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

I sent this question before, but it doesn't seem to have gotten out, so
forgive me if it shows up twice...

I like to scrounge parts out of TV's, VCR's, Computers, etc...seems such a
shame to see good stuff go out with the dumpster...

How do you identify transistors, etc. that have unknown markings without
submitting them to potentially destructive testing?

For example, I have a bunch that are marked C3623 and C3311...

Thanks....

Delbert Long, AD6WE

Get your FREE download of MSN Explorer at <http://explorer.msn.com/intl.asp>

Date: Fri, 17 Aug 2001 13:20:39 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: ad6we@hotmail.com
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [105098] Re:
Message-ID: <3B7D5267.3A41DB4E@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

A noble gesture. In the old days we used to strip TV's and build transmitters from them. Very effective. These days, with the advent of solid state the pickings may not be as good. You can often find transistors cross referenced by manufacturer's part number by using the NTE site. They are selling parts to replace the factory parts. Some transistor manufacturer's also have lists on their web sites. All I can suggest is that you look around, maybe you will be lucky.

73

Date: Fri, 17 Aug 2001 17:41:00 +0000
From: "Leon Heller" <leon_heller@hotmail.com>
To: ad6we@hotmail.com, qrp-l@Lehigh.EDU
Subject: [105099] Re:
Message-ID: <F223RGEekE300ScycUz0000c2ee@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

>
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>shame to see good stuff go out with the dumpster...
>
>How do you identify transistors, etc. that have unknown markings without
>submitting them to potentially destructive testing?
>
>For example, I have a bunch that are marked C3623 and C3311...

If you can remember where they were in the circuit it'd help you establish if they were any good for RF. You can identify if they are pnp or npn and find the pinouts with a multimeter. The collector-base junction has a lower

resistance when forward biased than the emitter-base junction, as a rule.
You can test them in a simple RF oscillator to see how they perform.

73, Leon

--

Leon Heller, G1HSM Tel: +44 1327 359058 Email:leon_heller@hotmail.com
My web page: http://www.geocities.com/leon_heller
My low-cost Altera Flex design kit: <http://www.leonheller.com>

Get your FREE download of MSN Explorer at <http://explorer.msn.com/intl.asp>

Date: Fri, 17 Aug 2001 10:54:06 -0700 (PDT)
From: "Robert P. Okas" <vintage@best.com>
To: qrp-1@lehigh.edu
Subject: [105100] Re: Harbor Freight Punch
Message-ID: <Pine.BSF.4.21.0108171047250.9853-100000@shell114.ba.best.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Gang,

I recently found an alternative to the Harbor Freight punch at one of my local electronics emporia. It's made in the US by Roper Whitney of Rockford, Inc. and appears to be substantially better made than the off-shore variety purveyed by H.F. But, hold on to your wallets, it sells for \$70 here. Quality doesn't come cheap...

73,
Bob - W3CD

Date: Fri, 17 Aug 2001 10:58:03 -0700
From: Stephen M Smith <sigcom@juno.com>
To: ad6we@hotmail.com
Cc: qrp-1@Lehigh.EDU
Subject: [105101] Re: Parts I.D. and scrounging
Message-ID: <20010817.105827.-156957.1.sigcom@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Del,

As far as the 'C' prefix transistors are concerned, that is shorthand for the 2S prefix for Japanese transistors, e.g.: An A1234 would be a 2SA1234, a B1234 = 2SB1234, etc. With that information, you can use an on-line resource such as NTE to cross reference the transistor and get an idea of the part parameters or one of many other source on the 'net.

The toughest parts are so-called "house marked" parts. These parts have the OEM's special number stamped on them by the component manufacturer. About the only way to determine the approximate parameters of those parts is either to have an original repair manual for the device being scrounged (unlikely) or determining what part of the circuit the part is in will give you an idea whether it's an R.F. amp., or a switch, audio amp., etc.

Destructive testing is not necessary. A simple beta tester and an Ohm meter will tell you a bunch. With a basic oscilloscope and some parts, a curve-tracer could be cobbled up to really get serious about determining the device parameters.

I agree that it's a shame to see stuff fill up the landfill or, PPC (pre-political correctness), the dump :-). That's why I have a garage full of junk!

I would rate C.B.s, VCRs and old satellite receivers as #1 for R.F. parts followed by #2, T.V. sets and then #3, computers.

Combined with Manhattan construction, scrounging will provide many enjoyable hours building QRP rigs and related accessories on the cheap.

73.....Steve 'The Scrounger' Smith
WB6TNL Oxnard, CA USA

"snort rosin"

On Fri, 17 Aug 2001 17:19:56 +0000 "Delbert Long" <ad6we@hotmail.com> writes:

> I sent this question before, but it doesn't seem to have gotten out,
> so
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> Delbert Long, AD6WE

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<http://dl.www.juno.com/get/tagj>.

Date: Fri, 17 Aug 2001 14:04:17 EDT
From: CHARLES K BROWN <n4so@juno.com>
To: qrp-1@lehigh.edu
Subject: [105102] Extra parts
Message-ID: <20010817.180112.4407.13.n4so@juno.com>

4 mm flat washer

The 4 mm screw uses a "4 mm Flat washer". The two
match.

Digi-key has assigned different part numbers to the
plain flat washer and it's metric cousin, the 4 mm flat
washer.

I still have extra parts if anyone is still interested.

No?

Just asking...

Ken Brown N4SO
Mobile, AL/EM50tk
NorCal-20/5 watts/4 ele. beam

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<http://dl.www.juno.com/get/tagj>.

Date: Fri, 17 Aug 2001 11:08:53 -0700
From: <schoon@amgt.com>
To: <qrp-1@Lehigh.EDU>, <leon_heller@hotmail.com>

Subject: [105103] RE:
Message-ID: <c=US%a=_%p=American_Geotech%l=AG-CALCITE-BD-010817180853Z-3036@ag-basalt-pxy.amgt.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Most manufacturers drop the 2[NS] etc from the part number. So, the C3623 might actually be a 2SC3623 transistor.... A plain 3623 most likely is a 2N part number....

HTH

.mark

>-----
>From: Leon Heller[SMTP:leon_heller@hotmail.com]
>Sent: Friday, August 17, 2001 10:41 AM
>To: Low Power Amateur Radio Discussion
>Subject: Re:
>
>
>
>>
>>I like to scrounge parts out of TV's, VCR's, Computers, etc...seems such a
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>resistance when forward biased than the emitter-base junction, as a rule.
>You can test them in a simple RF oscillator to see how they perform.
>
>73, Leon
>--
>Leon Heller, G1HSM Tel: +44 1327 359058 Email:leon_heller@hotmail.com
>My web page: http://www.geocities.com/leon_heller
>My low-cost Altera Flex design kit: <http://www.leonheller.com>
>
>
>
>-----
>Get your FREE download of MSN Explorer at <http://explorer.msn.com/intl.asp>

>
>
>

Date: Fri, 17 Aug 2001 14:26:46 -0400
From: Chuck Ludinsky <cjl@mitre.org>
To: qrp-l@lehigh.edu, neqrp@jona1.net
Subject: [105104] Information regarding QRP Afield, 15-16 September
Message-ID: <3B7D61E6.EE36081F@mitre.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: quoted-printable

This is an event for everyone to get out and have fun! QRP Afield is the 'granddaddy' of the outdoor QRP events, so let's all get out and enjoy the great fall season. Pick your favorite mountain, seashore, park, ... wherever..., but join in the fun! =

Scoring is set up to encourage portable operation (after all, it is QRP Afield!), but all are welcome to participate. Portable means not using a fixed antenna or indoor, permanent station, and using batteries, solar, or other non-mains power. =

Specifics for this year=92s contest are given below and on the NEQRP web page at:

<http://www.qsl.net/wq1rp>

(and please pass this info on to others): =

Date: September 15 & 16 (Saturday and Sunday) =

Time: 1 PM EDT (1700Z) Saturday to 1 PM EDT (1700Z) Sunday. Scoring will be based on your choice of any total 8 hours of operation (need not be a single 8 hour period) within this 24 hour period. =

QRP: 5 watts or less (all modes) =

Modes: CW, SSB, AM, PSK, other digital, flashing lights..... =

(i.e., all modes) =

Contact/Mode: Work any station once per mode per band. =

Frequencies: All bands, except WARC bands, including HF, VHF, UHF, etc. =

Standard QRP frequencies are recommended within each band (or generally accepted frequencies for those modes for which there are no specific QRP frequencies). But, please, let's spread out a little -- not everyone within a kilohertz of 14.060. =

Exchange: RST, Name, State/Province/Country, power or NE QRP # =

Scoring: =

- Non-portable operation: =

Multiply number of QSO's (in 8 hrs) by one (1 X) =

- Portable operation: =

Multiply number of QSO's (in 8 hrs) by two (2 X) =

WQ1RP Bonus Points: 25 points will be added to the final score for working WQ1RP at least once within the contest time (any mode, although CW is the most likely). This will be a kind of fox hunt, since different folks (NEQRP members all, but only one at a time) will be operating WQ1RP from different locations, at various times throughout the period.

Multi-Club Stations: Will not be permitted; however, use of multiple operators per club is fine. =

QRO Stations: QRP stations may work QRO stations for credit (counts as one QSO each). However, score submissions are expected only from QRP stations (it is a QRP contest, after all!). =

Submission of Scores: Email total score with contest log and (please) any comments/photos concerning your setup, location, experiences, etc., no later than 15 October, to: K1CL@arrl.net =

or mail your entry to: =

Chuck Ludinsky, K1CL, =

6 Pracing Rd, =

Chelmsford, MA 01824-1922 =

Note=97We are still looking for New England QRP members to work 1 hour segments throughout the 24 hour contest period. If you are interested, please contact Chuck, K1CL, to sign up. =

So... put this on your calendar, find that perfect location, get the gear together, and plan on heading out for the hills in September (or shore, island, whatever). See you there.

72/Chuck, K1CL

Date: Fri, 17 Aug 2001 16:03:14 -0500
From: David Gauding <david.gauding@bbs.galilei.com>
To: qrp-l@lehigh.edu
Subject: [105105] Summer 2001 - QRPP
Message-ID: <5.1.0.14.0.20010817155510.026969b0@bbs.galilei.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Howdy,

The Summer 2001 issue of QRPP arrived today (in St. Louis). A quick peek inside the pages hints that it is yet another fine issue.

I will savor it later this evening on sitting out on the deck with a Bud Light on-the- rocks and a little CW playing softly in the background.

Have a nice weekend!

de Dave, NF0R nf0r@slacc.com

Date: Fri, 17 Aug 2001 17:24:24 -0400

From: "Ron Polityka" <wb3aal@fast.net>
To: ".HF Pack" <hfpack@yahooogroups.com>, ".G-QRP Club" <GQRP@egroups.com>, ". QRP-L" <qrp-l@Lehigh.EDU>, ". NJ QRP-L" <njqrp@njqrp.org>, ". Eastern PA QRP Club" <epaqrp-l@Lehigh.EDU>
Subject: [105106] International Light House / Ship Weekend
Message-ID: <002001c12762\$fdfed860\$d9125cd1@wb3aal>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello,

Look for Ed, WA3WSJ, Len, N2BSC and Ron (me), WB3AAL operating onboard the Chesapeake Light Ship. This will be on August 18 & 19, 2001 at the Inner Harbor Baltimore, MD.

Our call will be W3C, that is correct. Whiskey 3 Chesapeake. Check out www.n3epa.org for QSL information.

We should be on the air between 14:00 & 15:00 UTC.

International Light House / Ship Weekend info can be found @ <http://vk2ce.com/illw/2001.htm>

72 & 73
Ron de WB3AAL
www.n3epa.org

Date: Fri, 17 Aug 2001 17:28:27 -0400 (EDT)
From: n2go@arrl.net
To: qrp-l@Lehigh.EDU
Subject: [105107] FS HAM IV Telex/Hy-gain
Message-ID: <Pine.LNX.4.21.0108171724500.2230-100000@valhalla.v>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I have an anntenna rotator and control box for sale. It doesn't look like I will be using it any time soon. \$225 plus ups.

73,

Jim n2go

Date: Fri, 17 Aug 2001 17:36:57 -0400 (EDT)
From: n2go@arrl.net
To: qrp-1@Lehigh.EDU
Subject: [105108] FS HW8-A
Message-ID: <Pine.LNX.4.21.0108171731070.2230-100000@valhalla.v>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Yes it is an A :)
-It has a built in AC supply
-built in calibrator
-RIT
-Wide/Narrow filtering
-Front and rear headphone jack
-S0239 antenna jack
-Meter read S-units and Power out (2 scales)
-RF/AF control
-Built in speaker and audio amp.
-Upgraded knob set

Sharp looking/ Unique unit. \$125

73,

Jim n2go

Date: Fri, 17 Aug 2001 15:41:08 -0600
From: "Rod Cerkoney, N0RC" <rod@n0rc.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [105109] Current Solar/Geomag Conditions
Message-ID: <001d01c12765\$5441c0a0\$6401a8c0@c919125b>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Folks,

On 14-Aug-2001 there was a substantial CME, today at ~1030z it impacted Earth. We are now in a G1-class Geo Magnetic Storm and an S2-class

radiation storm. Details at:

<http://www.spaceweather.com/>

<http://www.sec.noaa.gov/SWN/index.html>

PS: Aurora spotted as far south as Los Angeles, CA.!

73, Rod N0RC
Ft Collins, CO

Date: Fri, 17 Aug 2001 18:09:30 -0400
From: "Henry Freedenberg" <henryf@quartz.gly.fsu.edu>
To: qrp-1@lehigh.edu
Subject: [105110] Blair Bits?
Message-ID: <3B7D5DDA.28380.8BEBD@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

KB4IVH runs one of the machine shops on campus. He has a wonderful set of bits that cut through plastic/aluminum/etc without leaving burrs or deforming the original material. There is a spring-loaded center portion that makes the original cut. The center section is surrounded by a skirt which opens the hole to the desired diameter. Jim says that the bits are made by Blair Tool (I believe him since that bits are in a holder that has the company name printed on it). Problem is Blair tool does not exist any more and I can't find a successor company anywhere on the net.

Anyone have any suggestions?

Henry

Date: Fri, 17 Aug 2001 17:17:16 -0500
From: Wayne <aa5jj@swbell.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [105111] Portable with 67 ft of wire
Message-ID: <001801c1276a\$5f9e21a0\$d761fea9@Wayne>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

Hello I have a small travel trailer and 67 ft of wire my trailer is made out of aluminum so how would you go about feeding the 67 ft of wire if you end feed it, I will be inside of the trailer of course hi hi so do I use coax or just drill a hole and run the wire through it ?

Wayne Williams AA5JJ
713 N. (G) st.
Muskogee, OK 74403
FP-323

Date: Fri, 17 Aug 2001 18:19:57 -0400
From: "Jason Hisson" <jhissn1@columbus.rr.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [105112] N8L - International Lighthouse Event
Message-ID: <001501c1276a\$c33a9ea0\$6401a8c0@columbus.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi guys...

Wanted to announce that myself, N8XE, and my elmer, N8CPA, both born-again-brass pounders, will be operating as N8L from Marblehead Lighthouse in Marblehead, Ohio. We will be operating both CW and SSB. I am taking my QRP radio (OHR400) up there in hopes that I can drum up some QRP contacts.

I have never been on the receiving end of a pileup before, so be patient with me if you call. We shall see how it goes :-)

Thanks and see ya on the air... wish me luck!!

72/73
Jason Hisson
N8XE

"For the scientist who has lived by his faith in the power of reason, the story ends like a bad dream. He has scaled the mountains of ignorance; he is about to conquer the highest peak; as he pulls himself over the final rock, he is

greeted by a band of theologians who
have been sitting there for centuries."

Dr. Robert Jastrow
Founder of NASA's Institute for Space Studies

Date: Fri, 17 Aug 2001 18:24:44 -0400
From: "Jason Hissong" <jhisson1@columbus.rr.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [105113] N8L - International Lighthouse Event - QSL info
Message-ID: <001f01c1276b\$6afaf4a0\$6401a8c0@columbus.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Sorry for the extra bandwidth....Forgot to mention, for QSLs, please send
SASE (with your QSL) to either me or my elmer:

Jason Hissong N8XE
5052 Grandon Drive
Hilliard, OH 43026

Steve Stirling N8CPA
3345 Smiley Road
Columbus, OH 43221

73

Jason

> Hi guys...
>
> Wanted to announce that myself, N8XE, and my elmer, N8CPA, both
> born-again-brass pounders, will be operating as N8L from Marblehead
> Lighthouse in Marblehead, Ohio. We will be operating both CW and SSB. I
am
> taking my QRP radio (OHR400) up there in hopes that I can drum up some QRP
> contacts.
>
> I have never been on the receiving end of a pileup before, so be patient
> with me if you call. We shall see how it goes :-)
>
> Thanks and see ya on the air... wish me luck!!

>
> 72/73
> Jason Hissong
> N8XE
>
> "For the scientist who has lived by his
> faith in the power of reason, the story
> ends like a bad dream. He has scaled
> the mountains of ignorance; he is about
> to conquer the highest peak; as he
> pulls himself over the final rock, he is
> greeted by a band of theologians who
> have been sitting there for centuries."
>
> Dr. Robert Jastrow
> Founder of NASA's Institute for Space Studies
>
>

Date: Fri, 17 Aug 2001 18:51:38 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: n2go@arrl.net
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [105114] Re: FS HW8-A
Message-ID: <3B7D9FFA.5D1177EB@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

But it was never manufactured this way by Heathkit! These changes were added by an owner after the fact.

73
>
> Yes it is an A :)
> -It has a built in AC supply
> -built in calibrator
> -RIT
> -Wide/Narrow filtering
> -Front and rear headphone jack
> -S0239 antenna jack
> -Meter read S-units and Power out (2 scales)
> -RF/AF control
> -Built in speaker and audio amp.
> -Upgraded knob set

>
> Sharp looking/ Unique unit. \$125
>
> 73,
>
> Jim n2go

End of QRP-L Digest 2284
